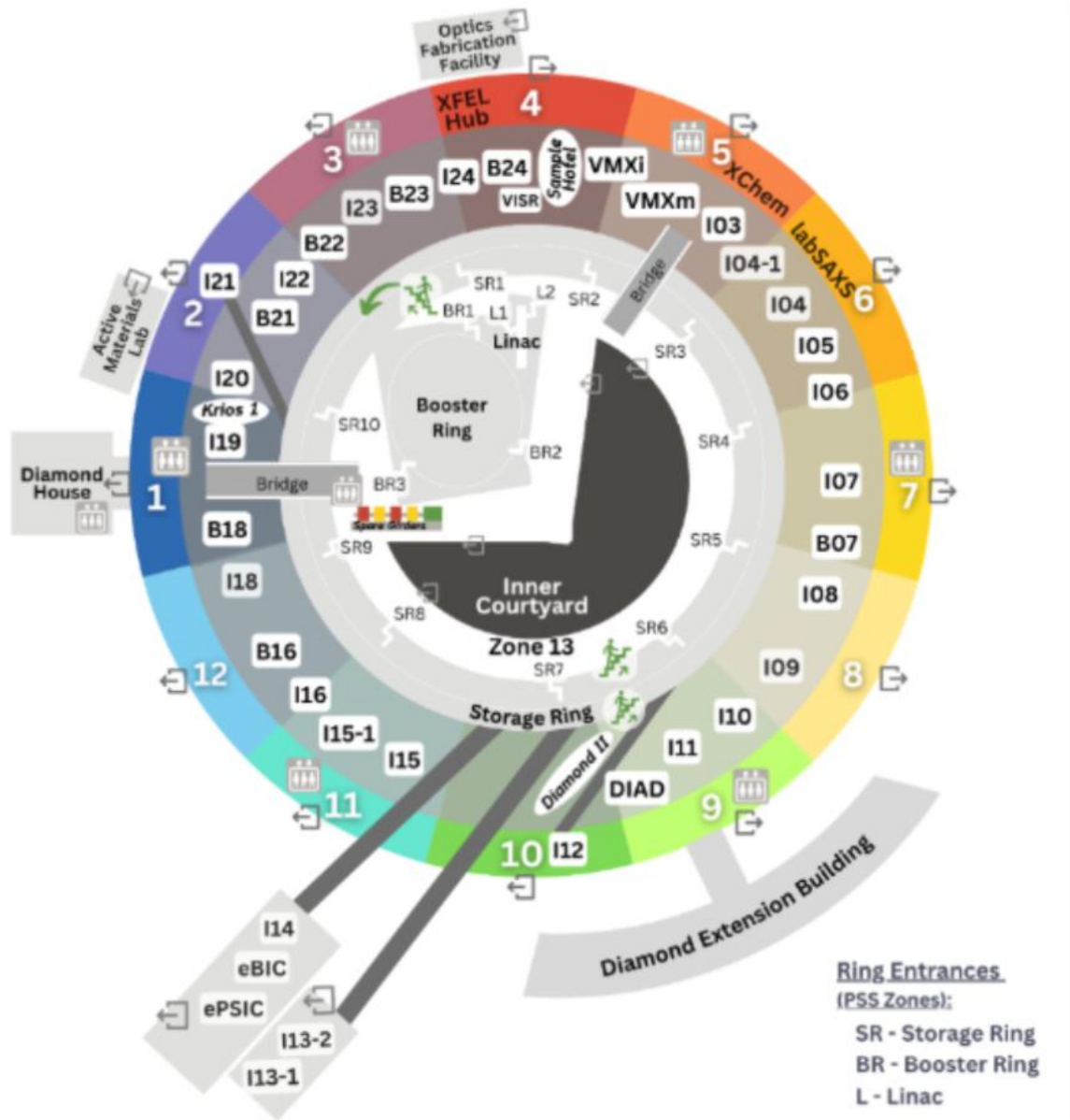


# Welcome to Beamline I06

## Location

The beamline is located at the ground floor of the synchrotron building in Zone 06.



## Parking

Parking is normally available around the ring but a designated space close to the entrance of Zone 07 can be prebooked if needed. Please let your beamline local contact know if you require this space reserved for you, as well as your intended dates on site no later than 15 days before your first scheduled day with us.

7(b) is an ordinary space and 7 (a) has driver's side access space denoted by the hatched lines.

There is a dropped curb from the road and a straight paved pathway to the door.



## Access to the beamline

There are two possible ways to access to the beamline.

### A) Zone 7 entrance door (ground floor)



The Zone 07 entrance door is located close to the beamline.

You will need to present your valid badge to the sensor to release the door. This will cause the light to flash on the card reader and a beeping sound. The door will become locked if not opened six seconds after presenting your access card at the reader, which is signified by the card reader no longer beeping or flashing.

The door is 76 cm wide and a pull to open door and can be heavy to open with one hand.



Once through the door, you will find stairs on the left to the first floor, where refreshment facilities are located. An accessible toilet is located to your left.

There is a lift on the right which gives access to the first floor. To access to the experimental ring there is another power assisted door straight ahead, of 90 cm width which can be opened by pressing the power assist button.

As you come through this door you will find a safety rail located 96cms from the door. Turn right for I06.

## **B) Entrance by Diamond House building (first floor)**

Entry into the synchrotron building can also be made via the covered bridge between Diamond House and the synchrotron building.

Once through the three sets of doors, you can continue along the top level towards Zone 07, by turning either left or right. On reaching Zone 07 you will find a set of stairs and a lift to bring you down to the Experimental Hall floor.

A last set of doors with a power assisted button give access to the experimental hall floor. You will turn right to reach the Beamline.



## **C) Exit the Synchrotron building**

To exit outside by any door, you need to have your access card with you and the sensors will detect its presence. You may need to tap your card on the panel. A green light will be shown. At some doors you may be required to push a green dome button. Push the door to exit.

## User's time at the beamline

I06 is a large beamline made up of three instruments. There are separate control rooms for each.

### Control Cabin (CC1)

Entry to CC1 is via a blue door which is 86 cm wide. There are no door lips or steps. This gives entry to the control cabin from which users can view the experimental data.

There are fixed desks and adjustable office chairs. This is a large area with good room for access.

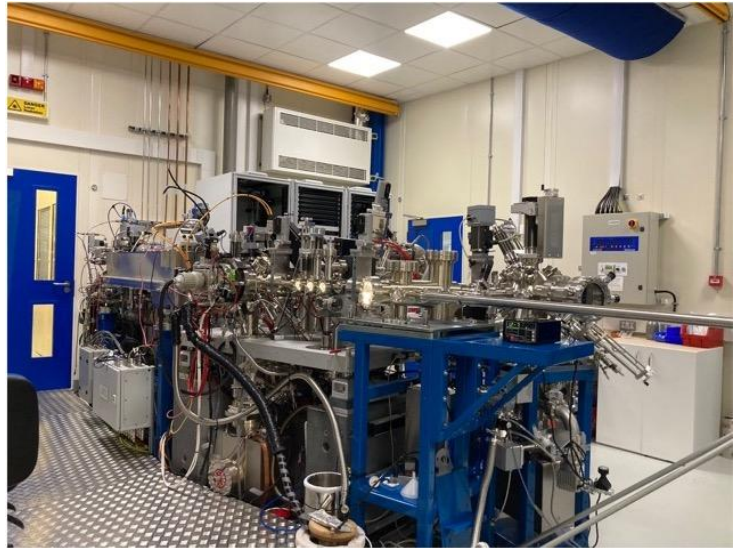
Food and drinks may be consumed in here. There is a kitchen situated in the floor above. Noise cancelling devices and headphones are not permissible as there are auditory alarms in operation.



### The Experimental Cabin (EC3)

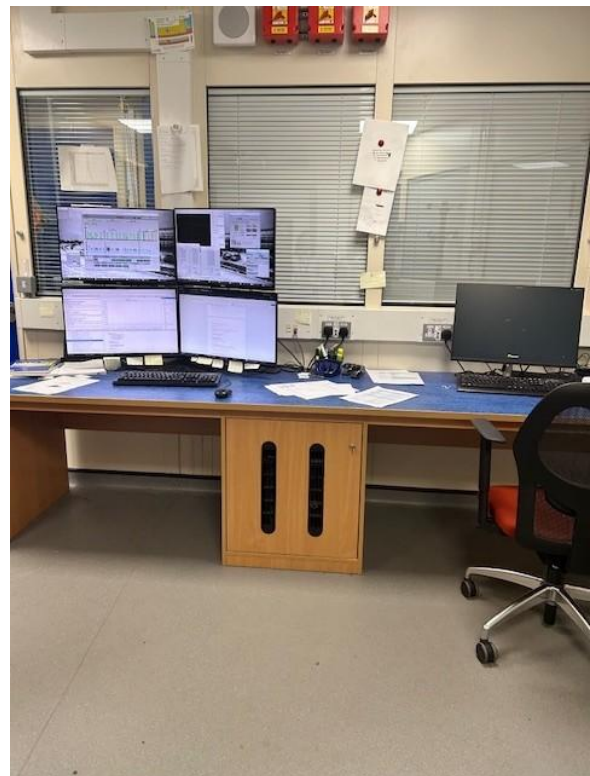
EC3 is accessible from the control room and also from the experimental hall floor.

This instrument is located in a large room with no steps. Staff are responsible for loading samples. To the left is a sample preparation area with a fixed bench at 86 cm high and adjustable chairs.



### Control Room (CC4)

CC4 is accessible from the experimental hall through a door 86 cm wide. It is a large room with good access. It has standard fixed desks and adjustable office chairs.



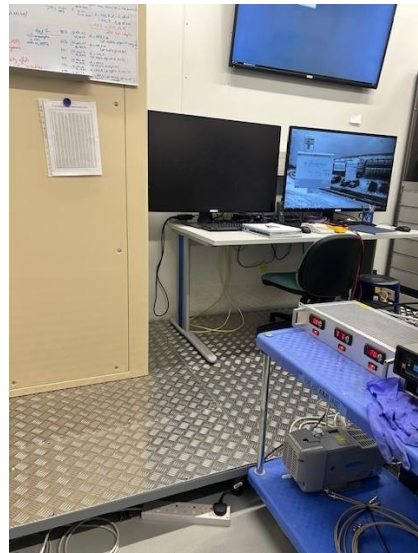
## Experimental Cabin (EC2)

The instrument is housed in EC2. It is a large room with good access. Samples are loaded by staff. There is also a sample preparation area shown below. Access to EC2 can also be via double doors from the experimental hall if necessary.



## Laser Peem Offline facility LC01

This instrument is accessed from the experimental hall floor. There is a double door which can be fully opened if required. This is a large room with good access. There is one small step access on to a platform to reach the control station.



**Please note that due to lead and concrete shielding, there are many areas in Diamond that have poor mobile network coverage. If you have difficulties using desk phones, or reduced mobility that you feel may hinder your ability make a call from a desk phone in an emergency, please let us know and we can either provide a wi-fi phone or help you setup your own device to make calls over our network connection, if this is possible.**